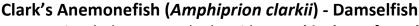
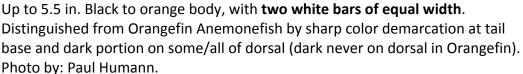


Questions? Feel free to contact me at <a href="mailto:christy@REEF.org">christy@REEF.org</a>

# **Philippines: Dumaguete**

Fishinar 03/23/16
Dr. Christy Pattengill-Semmens, Ph.D.— Instructor
Director of Science- REEF





# Pink Anemonefish (Amphiprion perideraion) - Damselfish

Up to 4 in. Pink to orange body. **Narrow white bar on side of face.** White stripe runs along top of fish.

Photo by Paddy Ryan.

#### Tomato Anemonefish (Amphiprion frenatus) - Damselfish

Up to 2.5 in (male), up to 5.5 in (female). Body is orange (male) or black (female), with **single wide white to pale blue stripe on face**. Exclusively lives with Bulbtentacle anemone.

Photo by: Ron Lucas.

#### Charcoal Damsel (Pomacentrus coelestis) - Damselfish

Up to 2.5". **Uniformly colored**, charcoal-gray to black. Has **a large black spot at base of pectoral**. Distinguished from other species with spot by uniformity of body color. Juveniles are blue with spot at pectoral, but lack any ocellated spot in dorsal. Feed up in water column in groups.

Photo by: Paul Humann.

# Neon Damselfish (Pomacentrus coelestis) - Damselfish

Up to 3.5 in. Neon blue damselfish with yellow <u>or</u> blue ventral and anal fins. **Tail** and anal fin have a blue margin. Relatively shallow species, typically found in groups above rubble.

Photo by: Florent Charpin.

#### Zigzag Wrasse (TP) (Halichoeres scapularis)- Wrasse

Up to 8 in. Green body with blue/lavendar scale margins. Distinguished by large black diffuse stripe on forebody. Relatively shallow species, typically found in rubble or sand/seagrass areas.

Photo by: Paul Humann.







#### Zigzag Wrasse (IP/Juv) (Halichoeres scapularis)- Wrasse

Up to 6 in. **White** or pale green body. Distinguished by **zipper-like black mid body stripe** (slightly darker above pectoral fin (that mark gets more noticeable with age).

Photo by: Paul Humann

# Goldstripe Wrasse (TP) (Halichoeres hartzfeldii)- Wrasse

Up to 8 in. Green body. **Bright yellow patch at pectoral fin base**, and four black spots along mid-body near tail.

Photo by: Paul Humann.



#### Goldstripe Wrasse (IP) (Halichoeres hartzfeldii)- Wrasse

Up to 4 in. Pinkish body, broad yellow stripe along mid-body, and whitish belly. Common in sand and rubble areas.

Photo by: Paul Humann.



Up to 6 in. Variable shades, ranging from red to brown to green. Yellow at base of pectoral fin is consistent. Unique diamond tail shape with streamers on top and bottom is notable.

Photo by Florent Charpin.



# Shoulderbar Goby (Gnatholepis cauerensis) - Goby

Up to 1.5 in. White with numerous blown spots and botches. **Thick black bar through eyes**. Distinguished from other sand gobies with eyebars by a **small orange shoulder/ear spot**. Found on sandy/rubble bottoms.

Photo by: Florent Charpin.



Up to 3.5 in. Whitish to pale tan with faint brown lines and spots. Distinguished from other sandgobies by **row of brown dashes and white spots along mid-body** (looks like a series of Morse code).

Photo by: Florent Charpin.



# Orange-dashed Goby (Valenciennea puellaris) - Goby

Up to 5.5 in. Relatively large goby, typically in pairs on sandy bottoms. Pale body with large orange spots on side above an orange stripe running down the body. Photo by: Florent Charpin.



#### Striped Goby (Asterropteryx striata) - Goby

Up to 1 in. Very common, small goby found on rubble bottoms. Wide black/brown stripe running along top side of fish from eye to tail. White belly. Photo by: Florent Charpin.

# Neon Dwarfgoby (Eviota atriventris) - Goby

Up to 1 in. Tiny **red dwarfgoby with two bright yellow stripes** running the length of the fish. Belly often black with white stripe. Photo by: Florent Charpin.

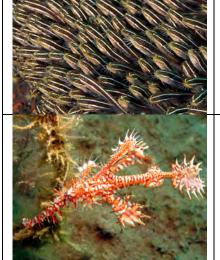
# Black-saddled Toby (Canthigaster valentini) - Puffer

Up to 4 in. Four black saddles across back, **two saddles extend down on belly**. Similar Mimic Filefish looks similar. Distinguished by fin location – **puffer has one small dorsal fin like a "puff"**, filefish has elongated fin.

Photo by: Alfonso Gonsalez/flickr.com.



Up to 13 in. Black and brown with **4 pairs of white stripes** and barbels around mouth. Lives in sandy / muck areas. Juveniles form large schools. Photo by: Florent Charpin.



# Ornate Ghost Pipefish (Solenostomus cyanopterus) – Ghost Pipefish

Up to 4.5 in. Variable colors. Often seen in pairs; females are larger. Short skin filaments give it a **spiky appearance**. Typically seen snout down. Photo by: Florent Charpin.

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